

Influenza A (H5) Domestic Case Screening Form Instructions

Note: This form is intended to screen initial report(s) of possible highly pathogenic avian influenza (HPAI) in humans, especially those acquired by travel overseas. Draft forms for investigation of other situations are available on request. Contact IDEP immediately (800)-423-1271 or (304)-558-5358 for questions.

Q1. Reported By

Date reported to IDEP: Date case was first reported to the Infectious Disease Epidemiology Program (IDEP).

Assigned Case ID: Case number used by IDEP to identify case.

Q2. Patient Information

Patient Last Name; First Name, Address, Phone, City of Residence, Zip, County:
Identifying and locating information for the patient.

Age at onset: If patient less than one month old, round age up to one month.

Race: Please choose only one race. For multiracial patients indicate race they most closely identify with.

Ethnicity: Please answer this question **in addition** to the Race question above.

Q3. Signs and Symptoms – Self-explanatory

Q4. Travel/Exposure

Q4A: The list of affected countries may change. A current list of affected countries can be found at the World Organization for Animal Health website (www.oie.int/eng/en_index.htm) or the World Health Organization website (www.who.int/en).

Transit through an airport (i.e., patient did not leave the airport) within an affected country **does not** count as exposure in that country. If patient **did not** travel to any countries affected by avian influenza outbreaks within 10 days prior to illness onset, skip to Question 5 on Occupational and non-travel exposure.

Q4E: Clinical and epidemiologic criteria for a suspect case in an affected country:

Any person with radiographically confirmed pneumonia, acute respiratory distress syndrome (ARDS), or other severe respiratory illness (regardless of poultry exposure)

OR

Any person with **all** of the following:

- 1) documented temperature of >100.4°F (>38°C), **and**;
- 2) cough, sore throat, or shortness of breath; **and**;
- 3) history of contact with
 - a. poultry or domestic birds (e.g., visited a poultry farm, a household raising poultry, or a bird market) **or**
 - b. Anyone hospitalized or died of a flu-like illness.

Q5. Occupational and Non-travel exposures: See clinical and epidemiologic criteria for influenza A(H5) above.

Q6. Local level influenza testing section – Check off type of specimen, date of specimen collection, type of testing and results for tests conducted at the local hospital or physician office.

Q7. List Specimens sent to the OLS – Check type(s) of specimen being sent (i.e, clinical material, extracted RNA, or viral isolate).

List specimen source (i.e., Serum (acute), serum (convalescent), nasopharyngeal (NP) swab or aspirate, bronchoalveolar lavage specimen (BAL), oropharyngeal (OP) swab, tracheal aspirate, or tissue (specify source)), and dates collected and sent.

Q8. Case Notes: Please include in notes section any pertinent information not covered in the questionnaire.

Q9. Case Status: IDEP use. Indicate case status and date of determination.

Clinical case: Indicates the patient meets the influenza A(H5) surveillance clinical criteria (see box below). Include date patient met clinical case definition

Influenza A positive case: Indicates the patient meets the influenza A(H5) surveillance criteria (see box below) and has a positive influenza A test at the state or local level. Include date of positive influenza A test.

Confirmed Case: Indicates the patient meets the influenza A(H5) surveillance criteria and has a positive influenza A(H5) test confirmed by the CDC Influenza Lab/OLS (see box below). Include date of positive influenza A(H5) test.

Ruled out/Non-case: Indicates that the patient had a negative PCR or culture for influenza A, had known non-H5 human influenza (i.e., influenza A(H1), influenza A(H3), or influenza B), had an alternative diagnosis other than human influenza, or did not meet influenza A(H5) clinical or epidemiologic criteria for a suspect case. (see box below).

Q10. Reported by: Self-explanatory.

Influenza A (H5) Surveillance Criteria

A suspect case of H5N1 is a patient who:

- ☐ Has an illness that requires hospitalization or is fatal; AND
- ☐ Has or had a documented temperature of $\geq 38^{\circ}\text{C}$ ($\geq 100.4^{\circ}\text{F}$); AND
- ☐ Has radiographically confirmed pneumonia, acute respiratory distress syndrome (ARDS), or other severe respiratory illness for which an alternate diagnosis has not been established; AND
- ☐ Has at least one of the following potential exposures within 10 days of symptom onset:
 - a. History of travel to a country with influenza H5N1 documented in poultry, wild birds and/or humans AND had at least one of the following potential exposures during travel:
 - Direct contact with (e.g., touching) sick or dead domestic poultry;
 - Direct contact with surfaces contaminated with poultry feces;
 - Consumption of raw or incompletely cooked poultry or poultry products;
 - Direct contact with sick or dead wild birds suspected or confirmed to have influenza H5N1;
 - Close contact (approach within 1 meter [approx 3 feet]) of a person who was hospitalized or died due to a severe unexplained respiratory illness;
 - b. Close contact (approach within 1 meter [approx 3 feet]) of an ill patient who was confirmed or suspected to have H5N1;
 - c. Worked with live influenza H5N1 virus in a laboratory.

Confirmed influenza A(H5) case

Patient is suspect case of influenza A(H5N1) and is laboratory confirmed by CDC/OLS as influenza A(H5) positive by:

- a. PCR, or
- b. viral culture, or
- c. influenza A(H5) specific serology